

## RECENT DOCTORAL DISSERTATIONS OF INTEREST TO ETHNOBIOLOGISTS XVII

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**ABSTRACT.**— This bibliography includes recent dissertations of interest to ethnobiologists. For each is given the page number where it may be found in Dissertation Abstracts (D.A.) and the order number for dissertation copies from University Microfilm International, P.O. Box 1764, Ann Arbor, Michigan 48106-1346 U.S.A. (Telephone: 1-800-521-3042; 1-800-343-5299 from Canada).

**RESUMEN.**— En este bibliografía se incluyen disertaciones recientes de interés a los etnobiólogos. Por cada uno se da el número de la página donde se halla el resumen en Dissertation Abstracts (D.A.), y el número de encargar un ejemplar de la disertación de University Microfilm International, P.O. Box 1764, Ann Arbor, MI 48106-1346 USA (telefono: 1-800-521-3042; desde Canada 1-800-343-5299).

**RÉSUMÉ.**— Cette bibliographie comprend quelques dissertations recentes d'interet aux ethnobiologistes. Chez chaque-une on donne le numéro de la page où se trouve le résumé dans Dissertation Abstracts (D.A.), et le numéro de commander un exemplaire de la dissertations de University Microfilm International, P.O. Box 1764, Ann Arbor, MI 48106-1346 USA (telephone: 1-800-521-3042; de Canada 1-800-343-5299).

### INTRODUCTION

This is the seventeenth in an annual series of bibliographies listing selected dissertations drawn from the pages of Dissertation Abstracts (D.A.). All listings were made by scanning the titles and abstracts published in D.A. and making subjective decisions as to which ones might be relevant to work in ethnobiology or related disciplines such as ecological anthropology and economic botany.

Dissertations categorized in D.A. under Agricultural Economics, Agriculture, American Studies, Anthropology, Botany, Ecology, Environmental Sciences, Folklore, Geography, Language, Linguistics, Nutrition, Palaeobotany, Paleoecology, Paleozoology, Palynology, Veterinary Science, and Zoology were considered for inclusion in the list. An attempt was made to be as inclusive as possible, but some dissertations may have been overlooked. Comments and suggestions would be welcome for items to include in next year's edition.

Dates covered by the present paper include: Volume A (Humanities and Social Sciences): September 1998-December 1999 and Volume B (Sciences and Engineering): September 1998-December 1999. Note that these are the dates for the issues of D.A. in which the abstracts appear, rather than the dates of acceptance of the dissertations themselves.

The dissertations are listed below alphabetically by author, along with the year of acceptance, title, institution, length, adviser or major professor, number(s) of the page(s) in D.A. on which the abstract may be found, University Microfilms order number, and the ISBN number when this information was included.

Most of the dissertations accepted at institutions in the United States, and some of those from Australia, Canada, South Africa, and the United Kingdom may be obtained from University Microfilms International, either on microfilm or published by microfilm xerography. Quality of printed matter is generally excellent, but that of figures and photographs varies with the quality of the original. Current prices may be obtained by calling 1-800-521-3042; or 1-800-343-5299 from Canada. Further information and current prices, as well as information regarding how to order dissertations listed above with no UMI order number, may be obtained from UMI Dissertation Services, 300 North Zeeb Road, Ann Arbor, MI 48106-1346, USA.

Abstracts of the dissertations listed below as well as all others included in D.A. are now available online, with the full text of abstracts published since July 1980. This service is updated monthly, and includes UMI's entire dissertation database back to 1861. For further information regarding Dissertation Abstracts Online or Dissertation Abstracts Ondisc (CD-ROM) consult your local research librarian or UMI at the address given above regarding orders.

- ALEXIADES, MIGUEL N. 1999. Ethnobotany of the Ese Eja: Plants, health, and change in an Amazonian society. City University of New York, 467 pp. Adviser: Christine Padoch. Order no. DA9917623. D.A. 60(1):21-B.
- BELCHER, WILLIAM RAYMOND. 1998. Fish exploitation of the Baluchistan and Indus Valley traditions: An ethnoarchaeological approach to the study of fish remains. The University of Wisconsin-Madison, 517 pp. Supervisor: Jonathan M. Kenoyer. Order no. DA9813108. D.A. 59(4):1229-A.
- BETTISON, CYNTHIA ANN. 1998. The determinants of settlement patterns among prehistoric agriculturalists of the Colorado Plateau: A case study from the Lower Zuni River valley, Arizona. University of California, Santa Barbara, 671 pp. Chairperson: Michael Glassow. Order no. DA9929454. D.A. 60(5):1636-A.
- BOROJEVIC, KSENITA. 1998. The relations among farming practices, landownership, and social stratification in the Balkan Neolithic period. Washington University, 389 pp. Chairperson: Gayle Fritz. Order no. DA9834775. D.A. 59(5):1637-A.
- BRODT, SONJA BRIGITTE. 1998. Learning from the land: Local knowledge systems of tree management in central India. University of Hawaii, 317 pp. Chairperson: Brian Murton. Order no. DA9903826. D.A. 59(8):3143-A.
- BROOKS, SARAH OSGOOD. 1998. Prehistoric agricultural terraces in the Rio Japo Basin, Colca Valley, Peru. The University of Wisconsin-Madison, 545 pp. Supervisor: William M. Denevan. Order no. DA9911668. D.A. 60(5):1699-A.

- CAVIGLIA, JILL LORRAINE. 1998. Economic analysis of sustainable agriculture in the tropical rain forest of Brazil: Agricultural techniques in Rondônia. The University of Tennessee, 210 pp. Major Professor: James R. Kahn. Order no. DA9903898. D.A. 59(8):3110-A.
- CHEN, WEI-CHUN. 1998. Models of prehistoric land use in the Gaoping region, southwest Taiwan. The University of Arizona, 291 pp. Director: John W. Olsen. Order no. DA9901765. D.A. 59(8):3050-A.
- COGGINS, CHRISTOPHER REED. 1998. The tiger and the pangolin: Cultural ecology, landscape ecology, and nature conservation in China's Southeast Uplands. The Louisiana State University and Agricultural and Mechanical College, 677 pp. Directors: Stanley F. Stevens; Kent Mathewson. Order no. DA9902629. D.A. 59(8):3144-A.
- CROTHERS, GEORGE MARTIN. 1999. Prehistoric hunters and gatherers, and the Archaic period Green River shell middens of western Kentucky. Washington University, 301 pp. Chairperson: Patty Jo Watson. Order no. DA9926436. D.A. 60(4):1198-A.
- DELLO-RUSSO, ROBERT D. 1999. Climatic stress in the Middle Rio Grande Valley of New Mexico: An evaluation of changes in foraging behaviors during the Late Archaic/Basketmaker II period. The University of New Mexico, 321 pp. Chair: Wirt H. Wills. Order no. DA9926830. D.A. 60(4):1198-A.
- DIRRIGL, FRANK JOSEPH, JR. 1998. Zooarchaeology and taphonomy of gallinaeous birds in the northeastern U.S. The University of Connecticut, 186 pp. Adviser: Robert Dewar. Order no. DA9906692. D.A. 59(9):3515-3516-A.
- EATON, GEORGE FRANCIS. 1898 [sic]. The prehistoric fauna of Block Island, as indicated by its ancient shell-heaps. Yale University, 41 pp. [sic] Order no. DA9921316. D.A. 60(3):1005-B.
- EHRLICH, CELIA. 1999. The ethnobotany of *Cordyline fruticosa* (L.) A. Chev.: The "Hawaiian ti plant." State University of New York at Buffalo, 644 pp. Adviser: Ann B. McElroy. Order no. DA9931479. D.A. 60(5):1644-A.
- EISENSTRAUT, PHYLISSA JAYDE. 1998. Macrobotanical remains from southern Peru: A comparison of Late Archaic-Early Formative period sites from the Puna and Suni zones of the western Titicaca Basin. University of California, Santa Barbara, 299 pp. Chairperson: Mark Aldenderfer. Order no. DA9840769. D.A. 59(7):2575-A.
- ERICKSEN, POLLY JOANNA. 1998. An evaluation of the sustainability of land management in a hillside agroecosystem in central Honduras. The University of Wisconsin-Madison, 219 pp. Supervisor: Kevin McSweeney. Order no. DA9813735. D.A. 59(5):1945-1946-B.
- GASSÓN PACHECO, RAFAEL ANGEL. 1998. Prehispanic intensive agriculture, settlement pattern and political economy in the western Venezuelan llanos. University of Pittsburgh, 190 pp. Adviser: Robert D. Drennan. Order no. DA9900132. D.A. 59(7):2575-A.

- GOLD, DEBRA LYNN. 1999. Subsistence, health and emergent inequality in late prehistoric interior Virginia. The University of Michigan, 343 pp. Chair: Richard I. Ford. Order no. DA9929831. D.A. 60(5):1637-A.
- GONZÁLEZ, ROBERTO JESÚS, III. 1998. Zapotec science: Farming and food in the Northern Sierra of Oaxaca, Mexico. University of California, Berkeley, 368 pp. Chair: Laura Nader. Order no. DA9902083. D.A. 59(8):3055-A.
- HAYES-BOHANAN, JAMES KEZAR, IV. 1998. Deforestation in Rondônia, Brazil: Frontier urbanization and landscape change. The University of Arizona, 196 pp. Director: Marvin Waterstone. Order no. DA9901679. D.A. 59(8):3145-A.
- HENDERSON, HELEN HOPE. 1998. The organization of staple crop production in Middle Formative, Late Formative, and Classic Period farming households at K'axob, Belize. University of Pittsburgh, 412 pp. Adviser: Robert Drennan. Order no DA9837596. D.A. 59(6):2082-A.
- HWANG, YOO JEONG. 1998. Forest land disturbance and geomorphological effects in Korea. University of Oregon, 163 pp. Order no. DA9900294. D.A. 59(7):2662-A.
- ILAHIANE, HSAIN. 1998. The power of the dagger, the seeds of the Koran, and the sweat of the ploughman: Ethnic stratification and agricultural intensification in the Ziz Valley, southeast Morocco. The University of Arizona, 376 pp. Director: Thomas K. Park. Order no. DA9901680. D.A. 59(8):3056-A.
- INDRIATI, ETTY. 1998. A dental anthropological approach to coca-leaf chewing in the Andes. University of Chicago, 263 pp. Adviser: Jane E. Buikstra. Order no. DA9910881. D.A. 59(11):4202-4203-A.
- JONES, BRIAN DENIS. 1998. Human adaptation to the changing Northeastern environment at the end of the Pleistocene: Implications for the archaeological record. The University of Connecticut, 299 pp. Adviser: Kevin McBride. Order no. DA9906705. D.A. 59(9):3517-A.
- KNAB-VISPO, CLAUDIA. 1998. A rain forest in the Caura reserve (Venezuela) and its use by the indigenous Ye'kwana people. The University of Wisconsin-Madison, 219 pp. Supervisor: Timothy Moermond. Order no. DA9825725. D.A. 59(5):1956-B.
- KOZUCH, LAURA. 1998. Marine shells from Mississippian archaeological sites. University of Florida, 280 pp. Chair: Elizabeth S. Wing. Order no. DA9837413. D.A. 59(6):2082-A.
- KRAMER, KAREN L. 1998. Variation in children's work among modern Maya subsistence agriculturalists. The University of New Mexico, 365 pp. Advisers: James Boone; Hillard Kaplan. Order no. DA9826634. D.A. 59(3):874-A.
- LAGUEUX, CYNTHIA JEAN. 1997. Marine turtle fishery of Caribbean Nicaragua: Human use patterns and population characteristics of harvested animals. University of Florida, 217 pp. Chairperson: Kent H. Redford. Order no. DA9837417. D.A. 59(6):2502-B.

- LAMA, LEWIS. 1998. Conflict and compatability: An inventory and analysis of land use in a Tanzanian wildlife corridor. State University of New York at Binghamton, 274 pp. Adviser: M.A. Little. Order no. DA9830608. D.A. 59(4):1237-A.
- LIZARRALDE, MANUEL. 1997. Perception, knowledge and use of the rainforest: Ethnobotany of the Barí of Venezuela. University of California, Berkeley, 235 pp. Chair: Brent Berlin. Order no. DA9827018. D.A. 59(3):874-A.
- MacDONALD, DOUGLAS HARLOW. 1998. Subsistence, tool-use, and reproductive strategies of northern plains Folsom hunter-gatherers: A view from the Bobtail Wolf site, North Dakota. Washington State University, 364 pp. Chair: William Andrefsky, Jr. Order no. DA9917438. D.A. 60(1):175-176-A.
- MOORE, STAN LEIGH. 1997. Indigenous medical practice and knowledge in the medical culture of Dar es Salaam. University of Kansas, 309 pp. Adviser: John M. Janzen. Order no. DA9903068. D.A. 59(8):3057-3058-A.
- MURRAY, MARIBETH S. 1997. Economic change in the Palaeoeskimo prehistory of the Foxe Basin, Northwest Territories. McMaster University (Canada), 153 pp. Adviser: A. Cannon. ISBN: 0-612-30163-X. Order no. DANQ30163. D.A. 59(8):3052-A.
- MUSTANDI, ROBSON. 1998. Locally-evolved knowledge in livestock and range management systems in southern Zimbabwe's drylands: A study of pastoral communities in Beitbridge district. University of Waterloo (Canada), 340 pp. Adviser: Ronald Bullock. ISBN: 0-612-30634-8. Order no. DANQ30634. D.A. 59(9):3592-A.
- MUTUNDU, KENNEDY KHABWOLI. 1998. Ethnohistoric archaeology of the Mukogodo in north-central Kenya: Contemporary hunter-gatherer subsistence and the transition to pastoralism in secondary settings. Washington University, 312 pp. Chairperson: Fiona B. Marshall. Order no. DA9834825. D.A. 59(5):1638-A.
- O'FLAHERTY, R. MICHAEL. 1997. Managing a commons: Community management of indigenous woodlands in Chimanimani District, Zimbabwe. University of Toronto (Canada), 318 pp. Adviser: Richard B. Lee. ISBN: 0-612-28296-1. Order no. DANQ28296. D.A. 59(6):2088-2089-A.
- OMENGAN, ELIZABETH APIL. 1998. Deforestation: Farming, logging, and forest management in northeast Thailand. University of Hawaii, 317 pp. Chairperson: Lyndar Wester. Order no. DA9903849. D.A. 59(8):3147-A.
- OUNJIAN, GLENNA LORRAINE. 1998. Glen Meyer and prehistoric Neutral paleoethnobotany. University of Toronto (Canada), 941 pp. Adviser: Gary W. Crawford. ISBN: 0-612-35273-0. Order no. DANQ35273. D.A. 60(1):176-A.
- PEACOCK, SANDRA LESLIE. 1998. Putting down roots: The emergence of wild plant food production on the Canadian Plateau. University of Victoria (Canada), 381 pp. Advisers: Nancy J. Turner; Michael C.R. Edgell. ISBN: 0-612-36647-2. Order no. DANQ36647. D.A. 60(3):785-A.

- PERALES RIVERA, HUGO RAFAEL. 1998. Conservation and evolution of maize in the Amecameca and Cuautla Valleys of Mexico. University of California, Davis, 350 pp. Adviser: Stephen B. Brush. Order no. DA9900101. D.A. 59(7):3133-B.
- REED, DAVID MILLARD. 1998. Ancient Maya diet at Lopán, Honduras. The Pennsylvania State University, 269 pp. Advisers: George R. Milner; Peter Deines. Order no. DA9901123. D.A. 59(8):3052-3053-A.
- RUBINSKI, PATRICK MICHAEL. 1997. Pronghorn intensification in the Wyoming Basin: A study of mortality patterns and prehistoric hunting strategies. The University of Wisconsin-Madison, 410 pp. Supervisor: James B. Stoltman. Order no. DA9810597. D.A. 59(4):1231-1232-A.
- SCHMIDT, CHRISTOPHER WILLIAM. 1998. Dietary reconstruction in prehistoric humans from Indiana: An analysis of dental macrowear, dental pathology, and dental microwear. Purdue University, 350 pp. Major Professor: R. Criss Helmkamp. Order no. DA9900256. D.A. 59(8):3061-A.
- SHERPA, LHAKPA NORBU. 1999. Human impacts on high-altitude forest structures in the Nangpa and Hinku Valleys, Sagarmatha and Makalu-Barun National Park, Nepal. University of Washington, 157 pp. Chairperson: Chadwick Dearing Oliver. Order no. DA9924133. D.A. 60(4):1368-1369-B.
- SHORR, NICHOLAS. 1999. Agricultural intensification in a large Tikuna community on the floodplain of the upper Brazilian Amazon. Indiana University, 368 pp. Chair: Emilio Moran. Order no. DA9932705. D.A. 60(6):2112-2113-A.
- SHORT, SUSAN ALICE. 1998. When the animals still danced: Animal images in Mimbres pottery and petroglyphs. University of Minnesota, 510 pp. Adviser: Janet D. Spector. Order no. DA9907523. D.A. 59(9):3517-A.
- SIMON, JAMES JOHNSON KOFFROTH. 1998. Twentieth century Iñupiaq Eskimo reindeer herding on northern Seward Peninsula, Alaska. University of Alaska Fairbanks, 399 p. Adviser: Peter P. Schweitzer. Order no. DA9842099. D.A. 59(7):2585-2586-A.
- STAMP, JUDITH. 1998. Indigenous agroforestry and sustainable development in Mutoko Communal District, Zimbabwe. University of Toronto (Canada), 330 pp. Adviser: Michael Bunce. ISBN: 0-612-35332-X. Order no. DANQ35332. D.A. 60(1):211-A.
- STEWART, FRANCESO LEEDHAM. 1997. Proto-Huron/Petun and proto-St. Lawrence Iroquoian subsistence as culturally defining. McGill University (Canada), 597 pp. Adviser: Bruce G. Trigger. ISBN: 0-612-30393-4. Order no. DANQ30393. D.A. 59(8):3053-A.
- STRAND, JENNIFER GAIL. 1998. An analysis of the Homol'ovi fauna with emphasis of [sic] ritual behavior. The University of Arizona, 540 pp. Director: E. Charles Adams. Order no. DA9831838. D.A. 59(4):1232-A.

- STRATTON, SUSAN K. 1999. Reconstructing the role of faunal resource use during the occupational history of Grass Mesa Village, southwestern Colorado. The University of New Mexico, 304 pp. Chair: Wirt H. Wills. Order no. DA9926880. D.A. 60(4):1200-1201-A.
- SUMINGUIT, VEL JUTBA. 1998. Indigenous knowledge systems of agroforestry and the restoration of a despoiled environment: A case study in northwestern Mindanao, Philippines. University of Kentucky, 292 pp. Director: John van Willigen. Order no. DA9922639. D.A. 60(3):791-A.
- SWALES, SUSAN EUGENIA. 1999. Dynamics of land use and agricultural practices in the Lower Amazon. University of Florida, 175 pp. Chairperson: Nigel J.H. Smith. Order no. DA9935300. D.A. 60(6):2167-A.
- WALKER, PETER ABEL. 1997. Roots of crisis: Population, environment, and the social history of smallholder tree planting in Malawi. University of California, Berkeley, 209 pp. Chair: Michael J. Watts. Order no. DA9827140. D.A. 59(3):915-A.
- WALKER, RENEE BEAUCHAMP. 1998. The late Paleoindian through Middle Archaic faunal evidence from Dust Cave, Alabama. The University of Tennessee, 302 pp. Major Professor: Walter E. Klippel. Order no. DA9903958. D.A. 59(8):3053-A.
- WEERATUNGE-STARKLOFF, NIREKA DAYANITHA. 1998. Trees of desire: Gender, environmental knowledge and practice in the highland Uva of Sri Lanka. University of Toronto (Canada), 337 pp. Adviser: S.B. Philpott. ISBN: 0-612-35366-4. Order no. DANQ35366. D.A. 60(1):180-A.
- WINKLERPRINS, ANTIONETTE M.G.A. 1999. Between the floods: Soils and agriculture on the lower Amazon floodplain, Brazil. The University of Wisconsin-Madison, 389 pp. Supervisor: Karl S. Zimmerer. Order no. DA9923209. D.A. 60(6):2168-A.
- WORK, PAULA THORSON. 1998. Taphonomy and paleoecology of the middle Holocene Lenthal fossil biota, Cedar County, Iowa. The University of Iowa, 275 pp. Supervisors: Holmes A. Semken; Richard G. Baker. Order no. DA9834536. D.A. 59(5):2090-B.
- WRIGHT, PATTI JO. 1998. The making of the carbonized macrobotanical record. Washington University, 362 pp. Chairperson: David L. Browman. Order no. DA9834847. D.A. 59(5):1638-1639-A.
- YOUNG, DENNIS CRAIG, JR. 1998. Late Holocene landscapes and prehistoric land use in Warner Valley, Oregon. University of Nevada, Reno, 193 pp. Adviser: Don D. Fowler. Order no. DA9842479. D.A. 59(7):2577-2578-A.